

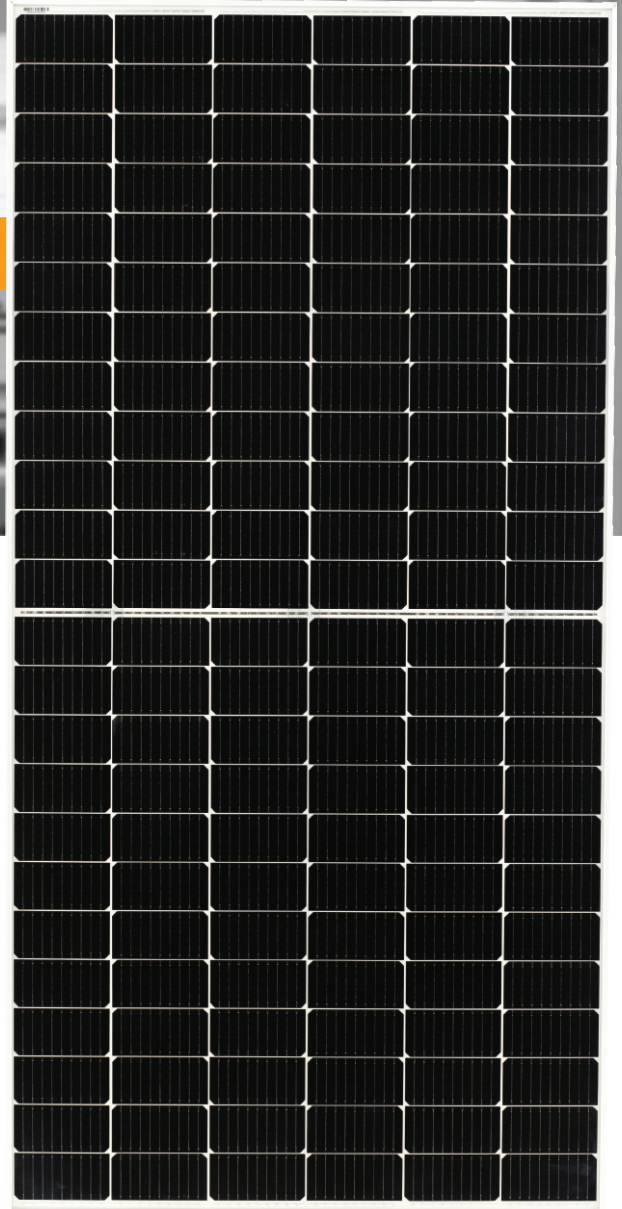
# LA SOLAR

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### MONO MODULE

### LS430-450HC

**DESIGNED IN USA  
MADE IN ARMENIA**



High conversion efficiency



Outstanding low irradiation performance



Less shading effect



Excellent loading capability



Higher ROI



Strong physical Property

#### QUALIFICATIONS AND CERTIFICATES



Intertek  
5020665



UL/IEC61215, UL/IEC61730  
ANTI-PID IEC TS 62804-1:2015  
ISO9001, ISO14001, ISO45001



EAC

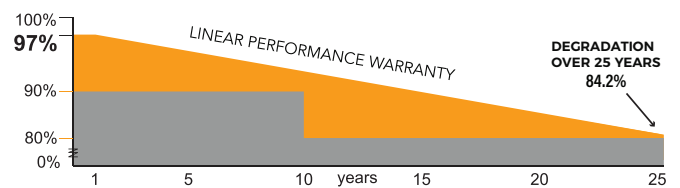
CE

MODEL TYPE	LS430HC	LS435HC	LS440HC	LS445HC	LS450HC
Peak Power (Pmax)	430W	435W	440W	445W	450W
Module Efficiency	19.7%	19.9%	20.1%	20.4%	20.6%
Maximum Power Voltage (Vmp)	40.30V	40.50V	40.70V	40.80V	41.00V
Maximum Power Current (Imp)	10.66A	10.74A	10.82A	10.90A	10.98A
Open Circuit (Voc)	48.80V	49.00V	49.20V	49.40V <td 49.60V	
Short Circuit Current (Isc)	11.24A	11.31A	11.39A	11.46A	11.53A
Power Tolerance	± 3 %				
Maximum system Voltage Nominal	1500V				
Operating Cell Temperature	44.4 ± 2°C				
Maximum Series Fuse Rating	20A				

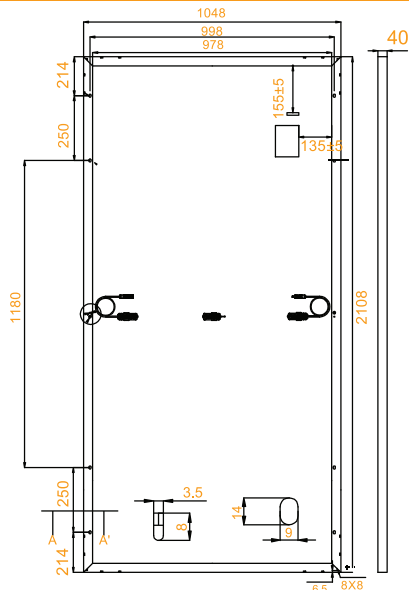
MECHANICAL DATA	
Cell Type(MONO PERC)	6.5x3.3in
Number of Cells	144 (6x12+6x12)
Weight	52.9 lbs (24.0kg)
Dimension	83x41.25x1.57 in
Max Load	5400 Pascals
Junction Box	IP68
Connector	MC4
Wire type	compatible PV wire
Fire Performance	Type 1
Protection Class: Class II (Classified as per IEC 61140)	

TEMPERATURE CHARACTERISTICS	
Temp. Coeff. of Isc (TK Isc)	0.04% / °C
Temp. Coeff. of Voc (TK Voc)	-0.28% / °C
Temp. Coeff. of Pmax (TK Pmax)	-0.37% / °C

PACKING MANNER	
Container	40'HQ
Pieces per Pallet	27
Pieces per Container	594



### PHISICAL CHARACTERISTICS



### ELECTRICAL CHARACTERISTICS

